

FIG. 1

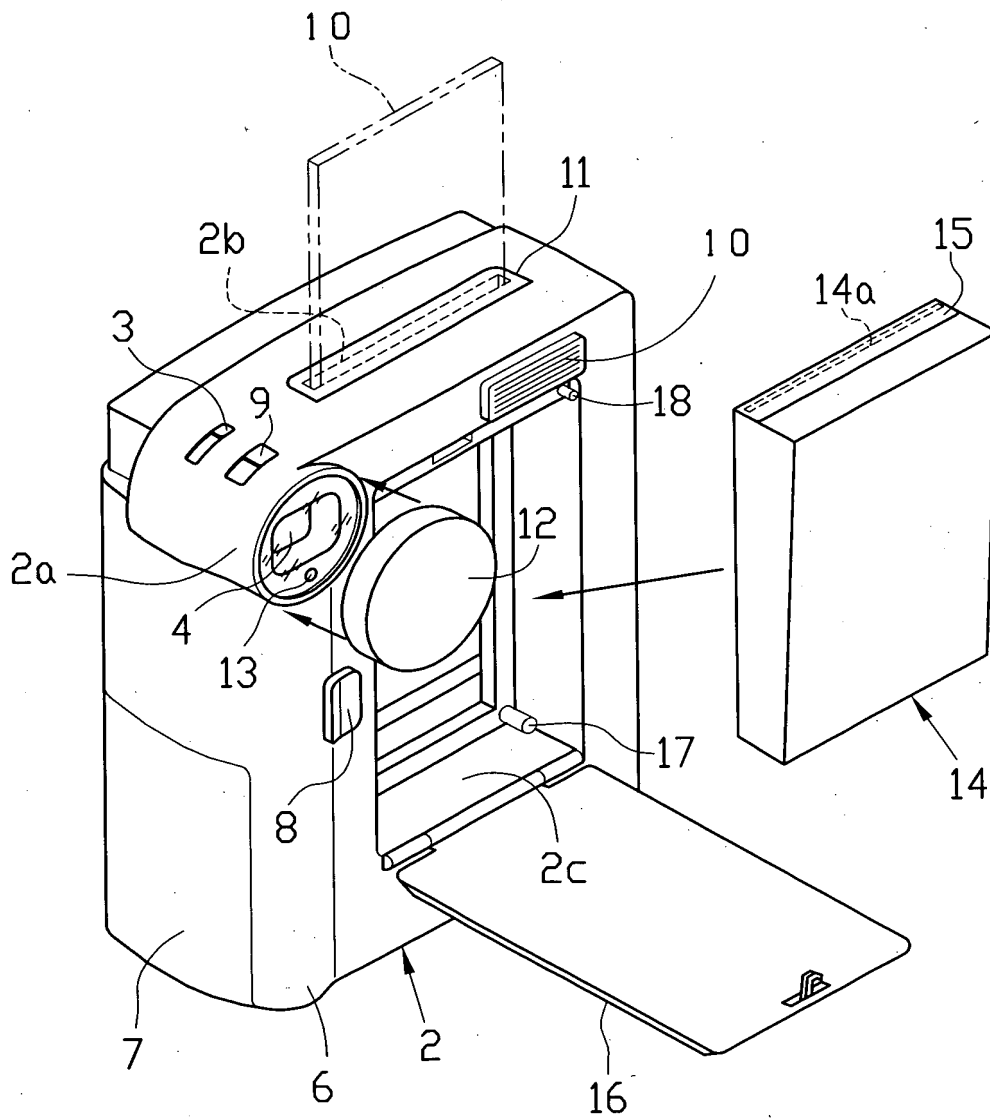


FIG.2

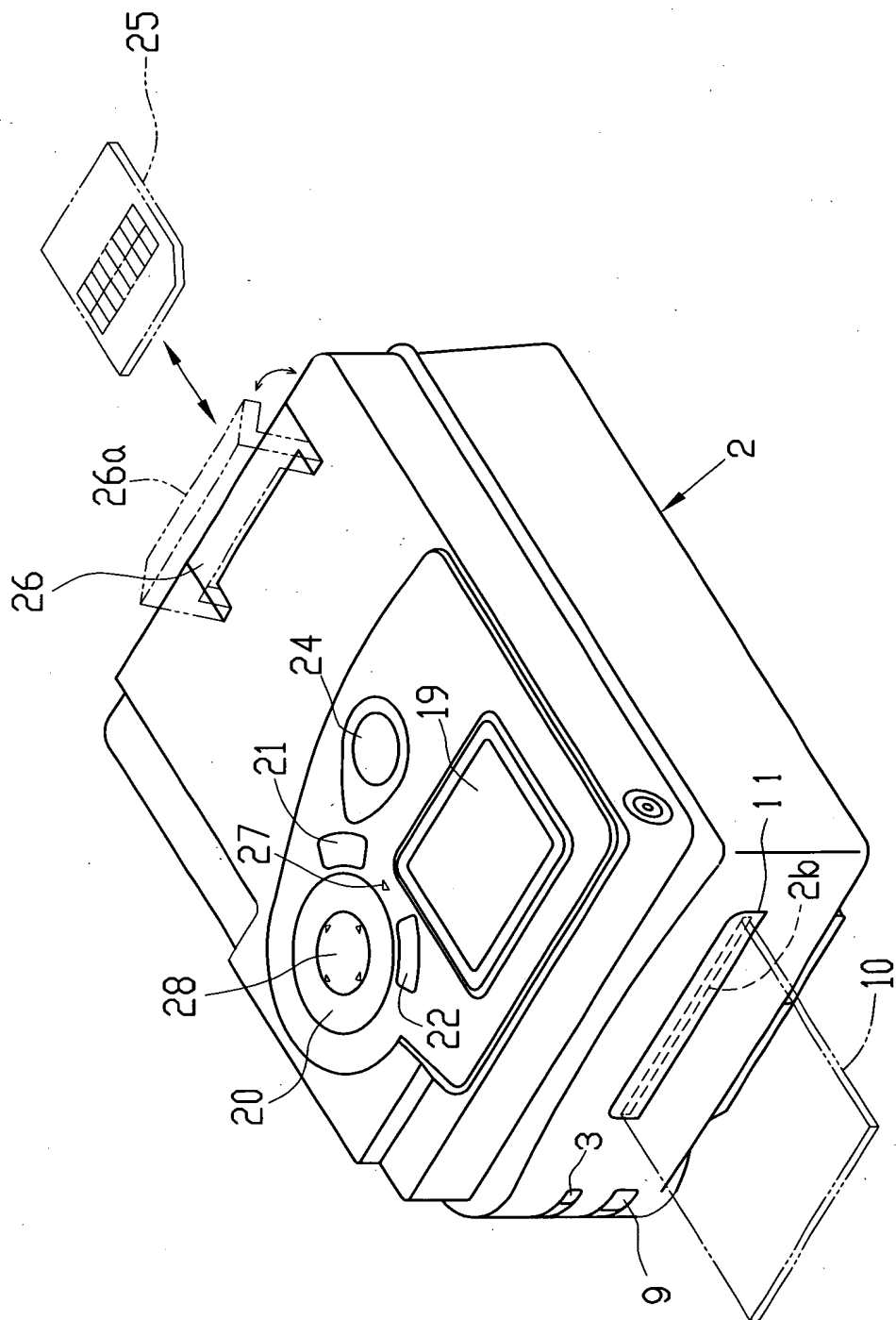


FIG.3

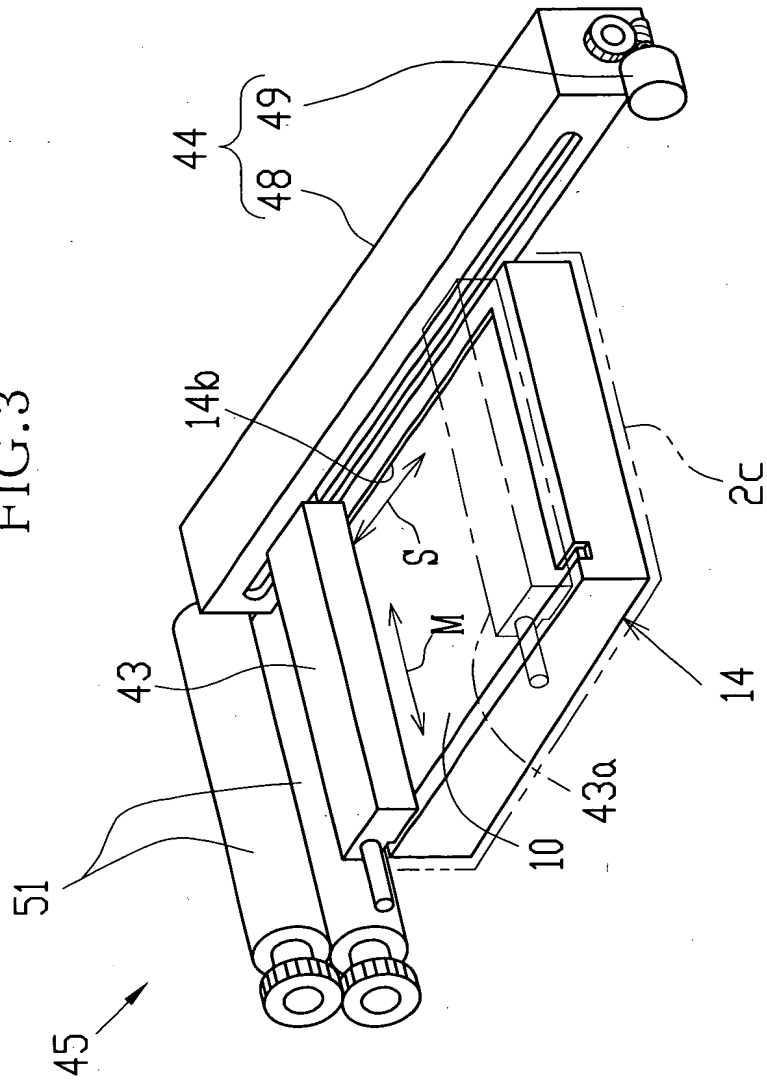


Figure 1

(a) **Preparation of the polymer solution.** The polymer was dissolved in THF at 60°C under nitrogen atmosphere. The concentration of the polymer solution was 0.5 g/dL. The solution was filtered through a 0.45 µm PTFE membrane filter. The filtered solution was then poured into a glass vial and sealed. The vial was then placed in a vacuum oven at 60°C for 24 h to remove any solvent. The resulting solid polymer was then ground into a fine powder.

(b) **Preparation of the polymer film.** The polymer powder was dispersed in THF at 60°C under nitrogen atmosphere. The concentration of the dispersion was 0.5 g/dL. The dispersion was filtered through a 0.45 µm PTFE membrane filter. The filtered dispersion was then poured onto a glass substrate and dried at 60°C for 24 h. The resulting polymer film was then removed from the substrate and stored in a desiccator.

(c) **Preparation of the polymer-coated substrate.** The polymer powder was dispersed in THF at 60°C under nitrogen atmosphere. The concentration of the dispersion was 0.5 g/dL. The dispersion was filtered through a 0.45 µm PTFE membrane filter. The filtered dispersion was then coated onto a glass substrate by spin coating at 1000 rpm for 30 s. The coated substrate was then dried at 60°C for 24 h. The resulting polymer-coated substrate was then stored in a desiccator.

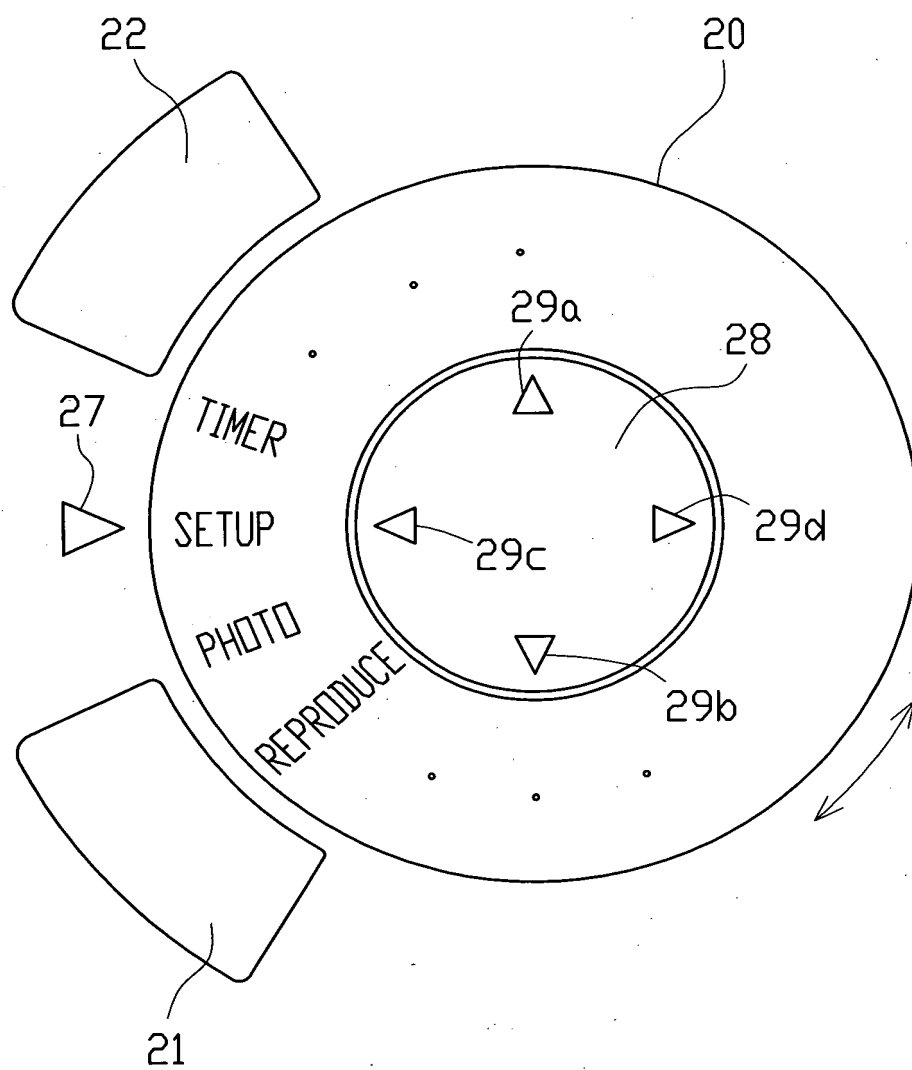


FIG.5A

FIG.5B

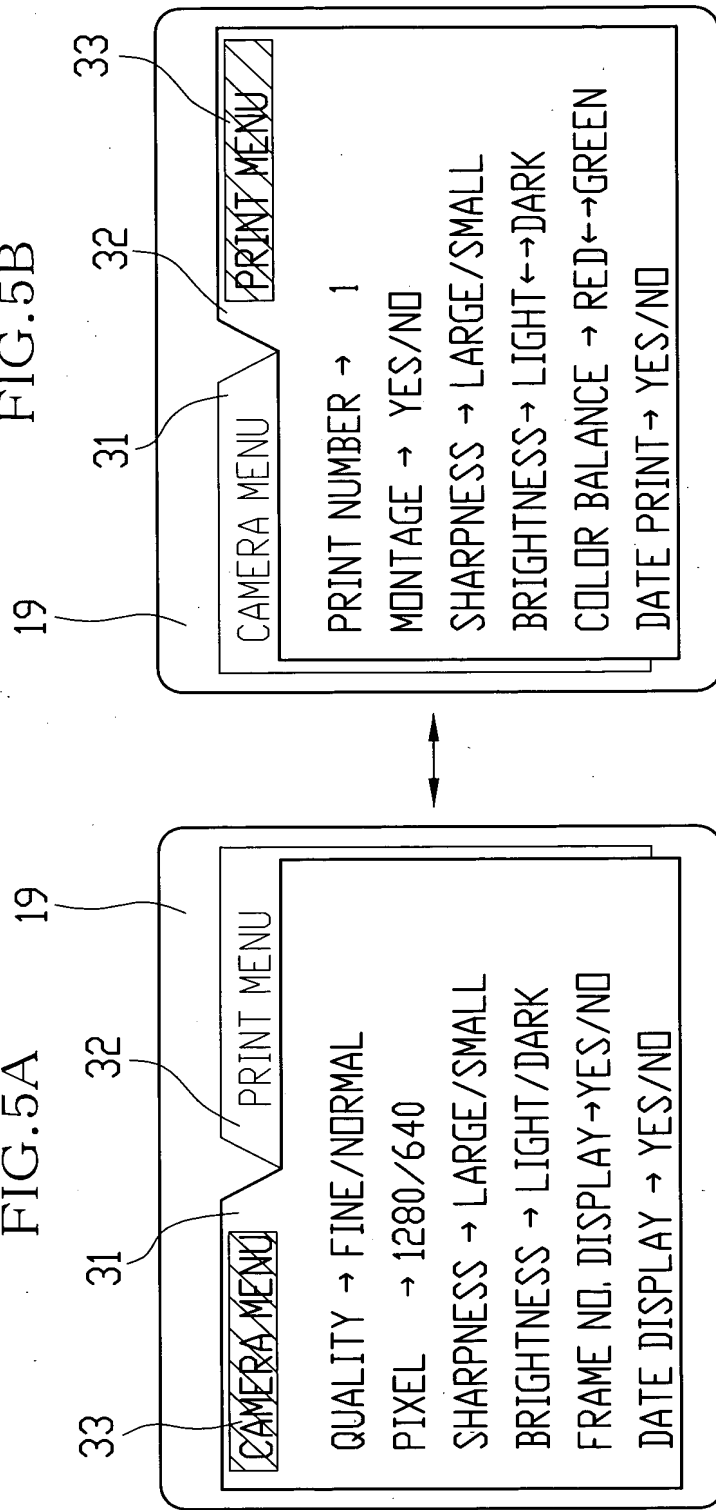


FIG.6

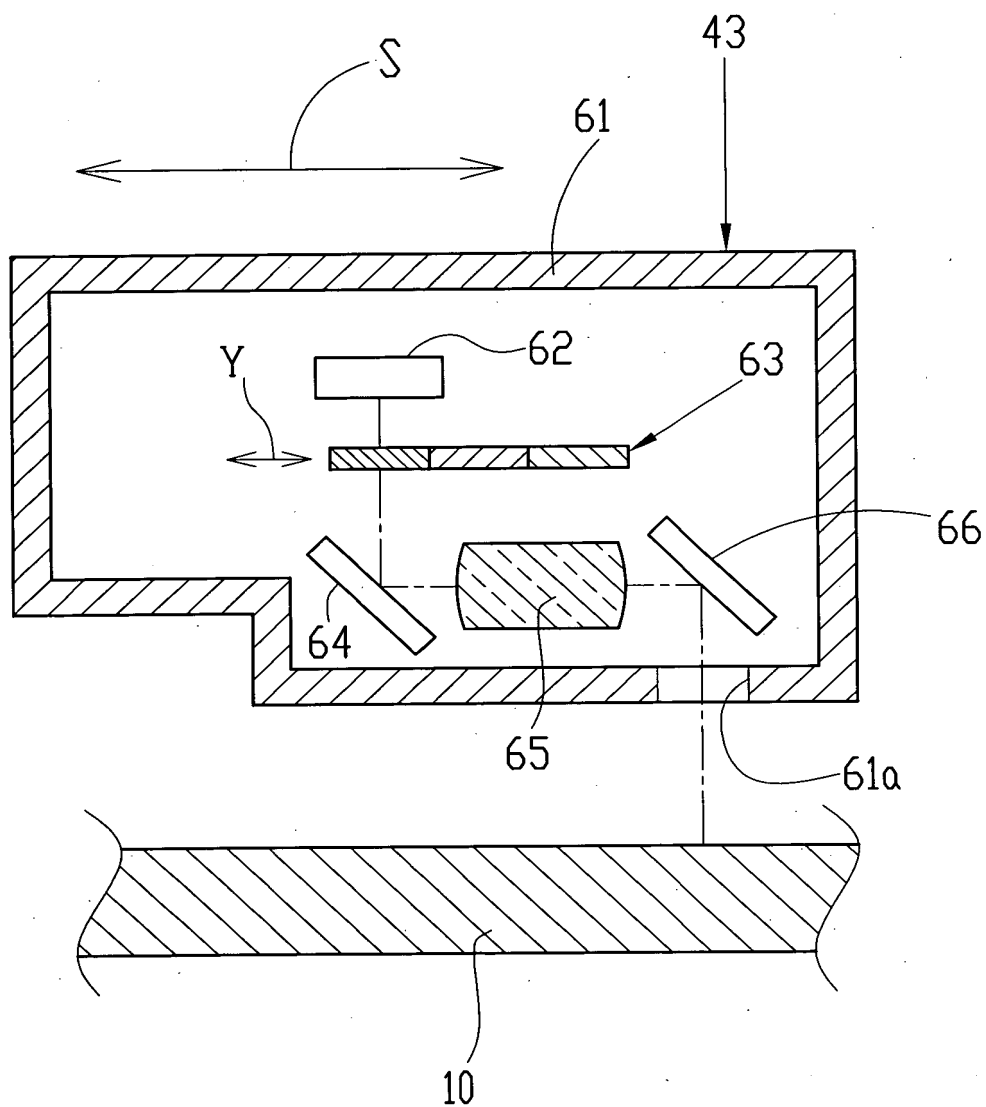


FIG. 7

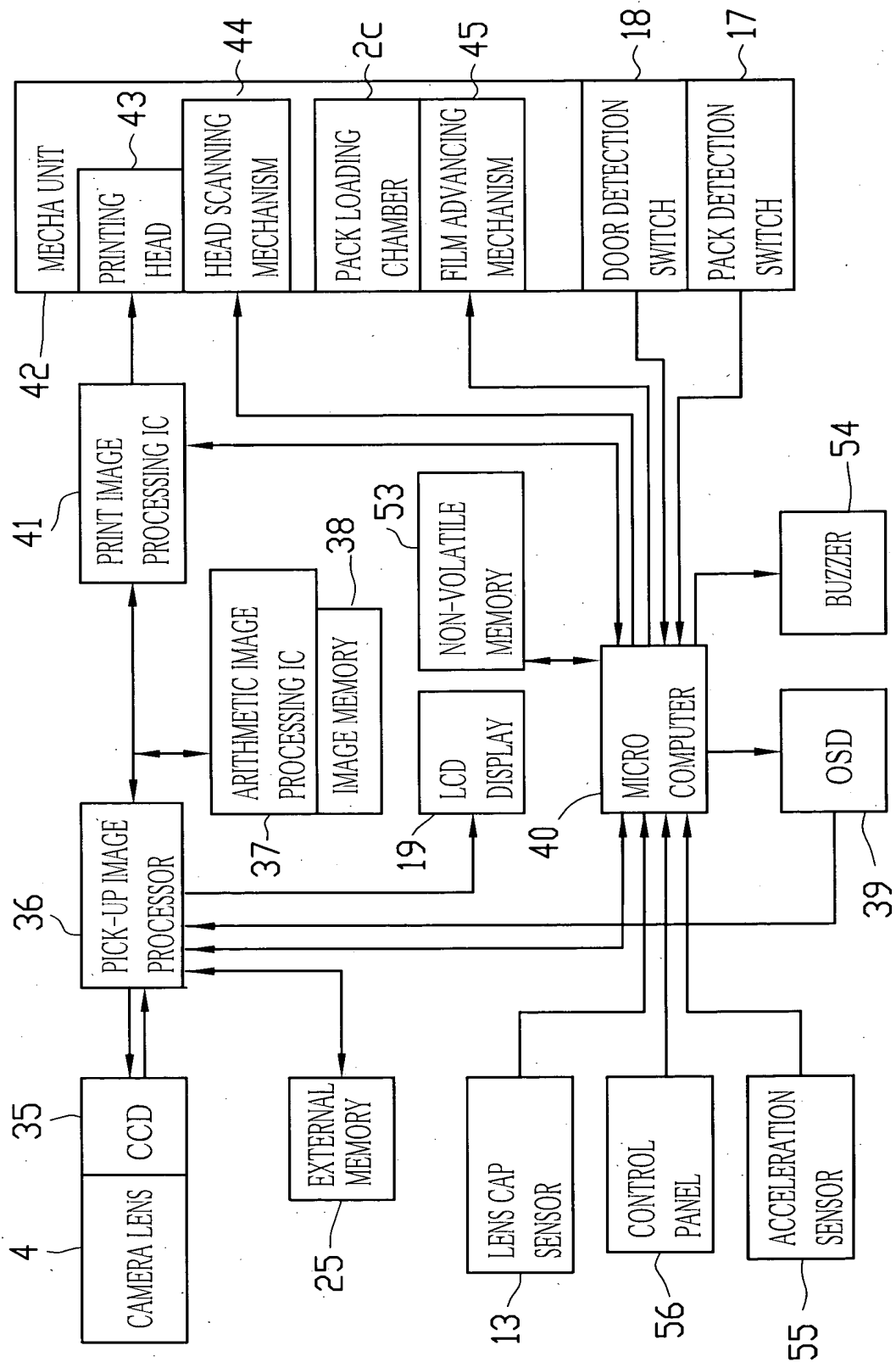


FIG.8

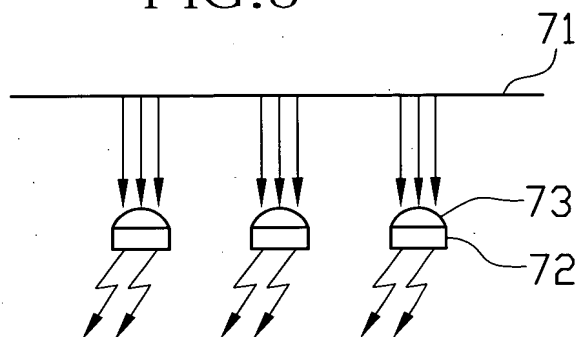


FIG.9

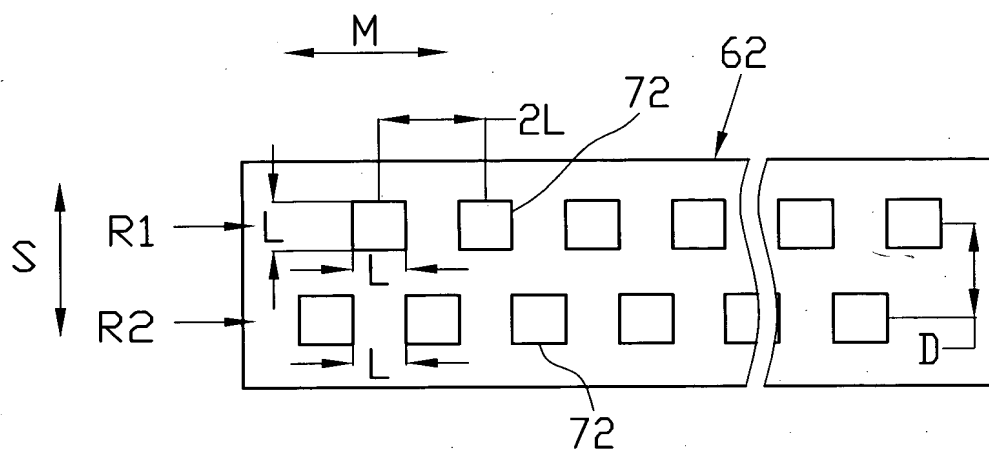


FIG.10

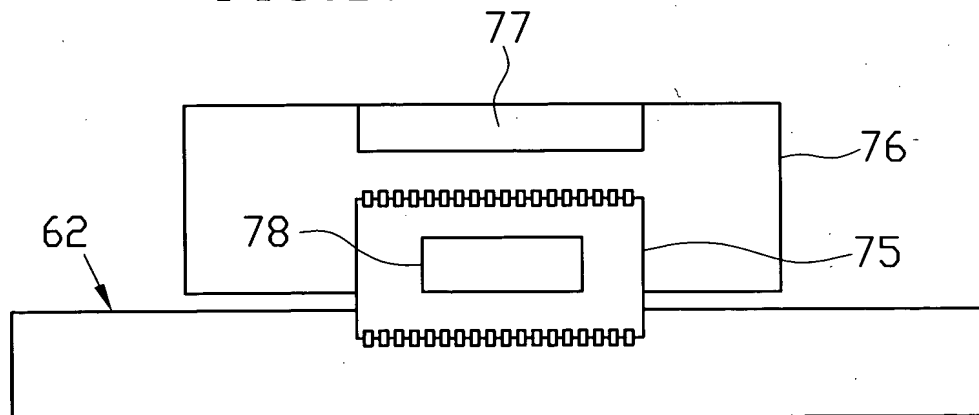


FIG.11

